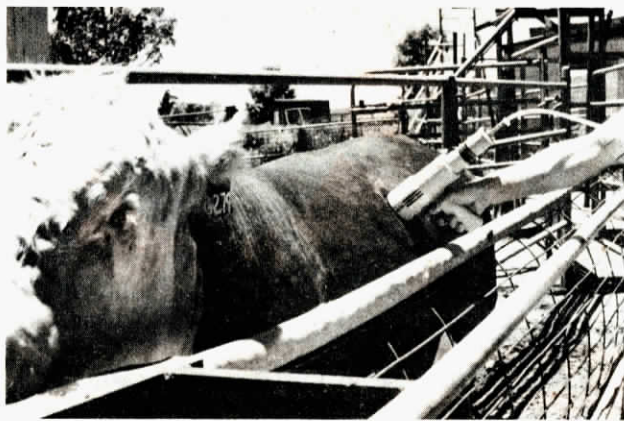


Australian Field Days

(Continued from page 21)



New Way To Worm Beef, Dairy Cattle

Australian cattlemen who've used it are excited about rumen injection, a new faster and easier way to worm beef and dairy cattle.

Developed by the Syntex Corp., headquartered in Palo Alto, Cal., rumen injection was first cleared for use in Australia in Feb. 1983. Other foreign countries already using it include the United Kingdom, New Zealand, Germany, France, Mexico and several other countries.

"It's a real innovation in drenching cattle," says Andy Phaneuf, vice president of international marketing who works out of Syntex headquarters in Palo Alto. "The key advantage with rumen injection is that it's about twice as fast as oral drenching. We've made application and hope to have it cleared for use in the U.S. in the near future," Phaneuf told FARM SHOW.

Syntex markets a special gun for injecting a smaller but more concentrated formulation of Synanthic, an Oxfendazole wormer developed by Syntex, directly through the animal's skin and into the rumen.

The operator simply places the injector gun firmly against the animal's body, positioning it between the ribs and "hip high" on the animal's left side

when viewed from behind. Pull the trigger and the spring-loaded gun inserts the needle and automatically releases the dose inside the rumen. Advantages claimed include:

- No carcass damage to the animal.

- Control of roundworms, lungworms, tapeworms and all stages of Ostertagia.

- Rumen injection of Synanthic, in countries where it's been cleared, has very few restraints on its use for beef and dairy animals. For example, it can be administered to lactating cows, pregnant cows, and without any diet restrictions. For about 20 cents more than oral drenching costs, it cuts drenching time in half. One man can treat 200 to 250 600 lb. animals per hour.

The gun itself sells for \$100 in Australia. You set the dial to the animal's weight and the gun automatically injects the proper dose. The injection only takes about 3 seconds per animal and it's 100% accurate in terms of hitting the rumen every time, says the manufacturer.

Contact: FARM SHOW Followup, Andy Phaneuf, vice president of international marketing, Syntex Corp., 3401 Hillview Ave., P.O. Box 10850, Palo Alto, Cal. 94303 (ph 415 855-5911).

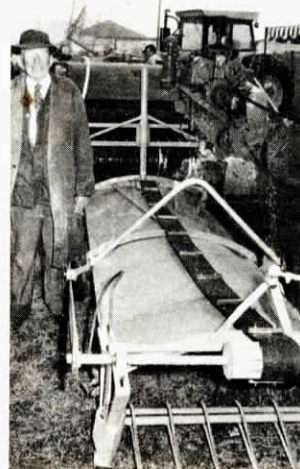
"Steamer" For Hay Balers

"It allows you to bale dry alfalfa in the heat of the day with virtually no leaf loss," says Jack Maher, inventor of the Foddering steaming system for hay balers.

An LP or diesel-fired pressure boiler (about 35 psi), pulled behind the baler, generates steam which is injected into the windrow via a 12 ft. long steaming canopy that attaches just ahead of the baler's windrow pickup.

"Here in Australia, alfalfa dry enough to bale has to be baled while the dew is on or you lose all the leaves. This steamer allows farmers to bale alfalfa whenever they want, including the heat of the day, without losing leaves," explains Maher. Investing 25 or 30 cents a bale for steaming can increase hay production and value by 30% or more, says Maher.

He thinks his steamer will have wide application throughout the world, including the U.S. and Canada. He also feels it



can be readily adapted to big round balers.

Contact: Foddering Steamer, Agtech Promotions, P.O. Box 1198, North Sydney, NSW Australia 2060 (ph 02 662 3719).

Automatic Bale Loader

One man working alone from the seat of a tractor can pick up and load 125 conventional bales in about six minutes with the new German-made Kemper Auto Bale.

If you have manpower or facilities to handle the bales, it'll self-unload a full load of 125 bales in about eight minutes.

"A custom operator can pay for this rig the first year," Kaye Keen, Australian rep for Kemper, told FARM SHOW. "We custom hauled over 100,000 bales last year, at 25 cents per bale. Depending on distance, one man can move more than 3,000 bales from field to storage with the pto-driven loader."

It's 8 ft. wide, 11 ft. high and 27 ft. long. Bales are securely held on the loader for road travel without having to be tied down. The 125 bale model requires a 30 hp or larger tractor and sells for about \$20,000. Smaller 75 and 95 bale models also available.

Contact: FARM SHOW Followup, Mashinen Fabrik Kemper GMBH, D-4424, Postfach 380, Stadtlohn, West Germany (ph 02563/3035).



Automatic Depth Control For Tillage Equipment

The new De-Aye ultrasonic depth control device promises to be a real boon to more efficient operation of tillage equipment and air seeders. It adapts to virtually all tillage equipment and works in any terrain and any type of soil. Used on the tillage component of air seeders, it provides precise seed depth placement.

The fully automatic De-Aye works under virtually all conditions, including rocky or hilly land, and in fields where there is extreme variation in soil conditions.

Right from the cab, you simply turn the dial for the desired depth of each wing or section. Working depth can be selected in increments of about 3/8 of an inch. The sensors, mounted on the tillage tool, can be positioned anywhere from about 6 to 24 in. from the ground for accurate, automatic depth monitoring.

It works off the tractor's 12 or 24 volt battery and ties into open or center hydraulic systems. Sells for about \$3,000.

Contact: FARM SHOW Followup, De-Aye Ltd., P.O. Box 100, Morawa, West Australia 6623 (ph 09 445 3333).

